UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,193,636 B2   Page 1 of 1
APPLICATION NO. : 10/644829
DATED   : March 20, 2007
INVENTOR(S)   : Kiyohide Satoh

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page:

(54) Title
"STORING" should read --AND STORAGE--.

(56) References Cited
"2000-360860A" should read --2000-350860A--.

Col. 1, line 3, "STORING" should read --AND STORAGE--.
         line 9, "PCT/IP01/0254" should read --PCT/JP01/02547,--
Col. 4, line 1, "other" should read --another--.
         line 24, "other" should read --another--.
         line 54, "other" should read --another--.
Col. 5, line 45, "other" should read --another--.
Col. 11, line 18, "y$i')" should read --y$i').--.
         line 23, "ΔR_i^t" should read --ΔR_i^t--.
         line 62, "R't=R^t ΔR^{-t}" should read --R'^{t} = R^t ΔR^{t-1}--.
Col. 12, line 34, "(X$_i^t$+Z$_i^t$·Z'$_i$)" should read --(X$_i^t$·X'$_i$+Z$_i^t$·Z'$_i$) }--.
Col. 14, line 11, "(step." should read --(step--.
Col. 19, line 10, "a image" should read --an image--.
Col. 20, line 18, "detected" should read --the detected--.

Signed and Sealed this

Thirtieth Day of December, 2008
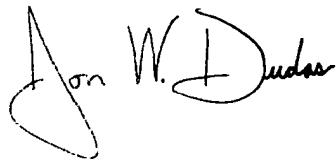
JON W. DUDAS
Director of the United States Patent and Trademark Office